

RULE 225 WOOD FIRED APPLIANCES

Adopted 06-17-86

A. APPLICABILITY:

1. The provisions of this Rule shall apply to that area known as Squaw Valley as identified on Plate 4, page 58 of the 1983 Squaw Valley General Plan. The legal description of the area for the purpose of this Rule is as follows:

S28 of T16N R16E; S 2 and NE 1/4 of S29 T16N R16E; SE 1/4 of S30 T16N R16E, NE 1/4 of S31 T16N R16E and the N 2 of S32 T16N R16E; and the NW 1/4 of S33 T16N R16E.

2. This regulation shall apply to all commercial and residential wood fired appliance installations.

B. DEFINITIONS:

1. For the purpose of this Rule "Wood Fired Appliance" is defined as an appliance with a closed combustion chamber which maintains an air-to-fuel ratio of less than 30 to 1 during the burning of 90% or more of the fuel mass consumed in the low firing cycle. The low firing cycle means less than or equal to 25% of the maximum burn rate achieved with doors closed or the minimum burn rate, whichever is greater.
2. For the purpose of this Rule "Fireplace" is defined as a combustion chamber which maintains an air to fuel ratio equal to or greater than 30 to 1 during the burning of 90% or more of the fuel mass consumed in the low firing cycle. The low firing cycle means less than or equal to 25% of the maximum burn rate achieved or the minimum burn rate, whichever is greater.
3. For the purpose of this Rule "Catalytic Combuster" is defined as any device coated with platinum, palladium or other rare metal located in the stack or combustion chamber of a wood fired appliance designed to cause relatively complete combustion at lower than normal temperatures.
4. For the purpose of this Rule "Single Family Residential" is defined as:
 - a. A detached building designed for or occupied by one family and located on a parcel where the uses specified in Section 1606.1 of the Placer County Zoning Ordinance are allowable; or
 - b. A detached building, under one roof, designed for or occupied exclusively by, two families living independently of each other and located on a parcel where the use specified in Section 1608.2 of the Placer County Zoning Ordinance is allowable.
5. For the purpose of this Rule "Multiple Unit Residential Development" is defined as dwelling groups or apartments with three or more total units located on a parcel where the use specified in Section 1608 and 1610 of the Placer County Zoning Ordinance is allowable.
6. For the purpose of this Rule "Public Area" is defined as an area of a multiple unit residential development, intended for use by groups of people, including but not

limited to a lounge, a restaurant, and a lobby, specifically excluding an office space, a hallway, a bedroom and other associated living areas.

C. STANDARDS:

1. Except as otherwise stated in this Rule, the use of wood fired appliances shall be limited to one certified appliance per commercial or single family residential structure which is approved after July 1, 1986.
2. After July 1, 1986, no person shall install and use in Squaw Valley, any wood fired appliance that is not certified by the State of Oregon, Department of Environmental Quality or as provided in Section C.6. to emit 15 grams per hour or less of particulate matter for non-catalytic equipped appliances, or 6 grams per hour or less for catalytic equipped appliances.
3. After July 1, 1988, no person shall install and use in Squaw Valley any wood fired appliance that is not certified by the State of Oregon, Department of Environmental Quality or as provided in Section C.6. to emit 9 grams per hour or less of particulate matter for non-catalytic equipped appliances or 4 grams per hour or less for catalytic equipped appliances.
4. Wood fired appliances or fireplaces shall not be used in multiple unit residential developments approved after July 1, 1986 except in public areas.
5. The use of coal as a fuel is prohibited.
6. Certification: Each appliance proposed for installation shall be certified by the State of Oregon, Department of Environmental Quality as being within the emission limits established in Section C.2. and C.3. Alternative certification may be used if the Air Pollution Control Officer determines that: 1) the test methodology used for certification is equivalent to that used in the State of Oregon's certification program and, 2) the certified emission levels are no greater than those specified in Section C.2. or C.3. of this Rule.

D. EXCEPTIONS:

1. For single family residential use, approved after July 1, 1986, a person may install and use more than one appliance, as long as the total emissions do not exceed the emission standards specified by Section C.2. or C.3. of this Rule for non-catalytic equipped appliances.
2. For existing single family residential use, a person with an existing non-certified wood fired appliance may install and use one additional wood fired appliance if the additional appliance is certified to meet the emission standards specified by Section C.2. or C.3. of this Rule.
3. Existing wood fired appliances may be replaced on a one to one basis with appliances certified to meet the emission standards specified by Section C.2. or C.3. of this Rule.